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Maximum Match 100%
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Perfect score:
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/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/FCTUS_COMB.seq:*
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                US-08-203-532F-14
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US-09-489-868A-37
US-08-687-421-424
US-08-687-425-684-65
US-08-425-684-71
US-08-675-502-71
US-08-675-502-71
US-08-675-502-71
US-08-675-502-71
US-08-675-502-71
US-08-902-655A-17
US-08-9116-622-17
US-08-9116-622-17
US-09-116-622-17
PCT-US96-08014-267
US-08-435-350-14
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Mat Loca es	SULT 1 Sequence 14, Applicat Sequence 14, Applicat Sequence 14, Applicat Sequence 14, Applicat Patent No. 5856121 GENERAL INFORMATION: GOTSKI APPLICANT: GOTSKI APPLICANT: GOTSKI APPLICANT: GOTSKI APPLICANT: OF SEQUENCE CORRESPONDENCE ADDRESSEE: Calf STREET: 800 Sup CITY: Cleveland STATE: Ohio COUNTRY: U.S.A. ZIP: 44114-2688 COMPUTER READABLE: MEDIUM TYPE: FI COMPUTER: IBM FORFATING SYSTEM SOFTWARE: PATENCATION NUMBER OF SOFTWARE: PATENCATION NUMBER FILING DATE: CLASSIFICATION NUMBER FILING DATE: GOLTICK, REGISTRATION NUMBER FILING DATE: GOLTICK, REGISTRATION FOR SECUENCE CHARACTION TELEPHONE: GOLTICK, REGISTRATION FOR SECUENCE CHARACTION TELEPAX: 300 A99 INFORMATION FOR SECUENCE CHARACTER: LENGTH: 30 base TYPE: nucleic strandscript incoleic strandscript incole	8901136456666666666666666666666666666666666
h Sim 15;	1 132F-14 nce 14, Applicat t No. 5856121 RAL INFORMATION: PLICANT: GOTSKI PLICANT: GOTSKI PLICANT: GOTSKI PLICANT: GOTSKI TLE OF INVENTION: MBER OF SEQUENCE RRESPONDENCE ADD RDESSEE: Calf STREET: 800 Sup COUNTRY: Cleveland COUNTRY: Cleveland COUNTRY: U.S.A. ZIP: 44114-2688 MPUTER READABLE MEDIUM TYPE: FIL COMPUTER: IND POPERATIOS SYSTEM MEDIUM TYPE: FIL COMPUTER: IND POPERATION: TORNEYSAGENT IN UMM SOFTWARE: Paten REFERENCE/DOCKET LECOMMUNICATION REGISTRATION NUM REGISTRATION TOR REFERENCE/DOCKET LECOMMUNICATION TELLEPHONE: (216 TELLEFAX: 980499 TELLEX: 980499 TELLEX: 980499 TELLEX: 980499 TELLEX: 1inea TOPOLLOGY: Linea TOPOLLOGY: Linea TOPOLLOGY: Linea TOPOLLOGY: Linea TOPOLLOGY: Linea TOPOLLE TYPE: CD DOG-154 DOG-154 DOG-154 DOG-155 DOG-156 DOG-1	112 112 112 112 112 112 112 112 112 112
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nat	Homeobox iriswold Version 2F	-099-8 -099-8 -926-8 -926-8 -912-9 -912-9 -313-0 -379-5 -379-5 -502-0 -921-1 -757-6 -757-6 -757-6 -823-5 -682-8
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Best Local
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/203
FILING DATE: 24-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: GOLTICK, Mary E.
REGISTRATION NUMBER: 34829
REFERENCE/DOCKET NUMBER: 2231
TELECOMMUNICATION INFORMATION:
TELEPHONE: (216) 622-8200
                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth
                                                                    APPLICANT: Stull, Paul D.
APPLICANT: Myers, Kristi K.
APPLICANT: Becker, Michael M.
TITLE OF INVENTION: TARGET-TRIGGERED
TITLE OF INVENTION: AMPLIFICATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/09/078,465
FILING DATE: 14-WAY-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
COETHANDE: PC-TOS/MS-DOS
                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Gorski, David H.
APPLICANT: Walsh, Kenneth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                            13 GAACACCCCCTCTTTGGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A. ZIP: 44114-2688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 800 Sup
CITY: Cleveland
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                                                                                                                                                                                           Application US/08770941
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                                                                                                                                                                                                                                                                                                                                             Conservative
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83.3%;
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Pred. No. 4.8e+02;
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                                                                                                                                                                            NUMBER OF SEQ ID NOS: 89
SEQ ID NO 37
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION:

ANTISENSE MODULATION OF COT ONCOGENE EXPRESSION
                                                             Matches
                                                                                                                                                                                                                                                                                                                                                            Sequence 37, Appli
Patent No. 6265216
                                                                                       Query Match
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Best Local (
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                                                                                                                                                                                                                                                     FILE REFERENCE: RTS-0113
CURRENT APPLICATION NUMBER: US/09/489,868A
CURRENT FILING DATE: 2000-01-20
                                                                                                                                                FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Heber, Sheldon O.
REGISTRATION NUMBER: 38,179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 21 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: Herewith CLASSIFICATION: 435 PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: Surc
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM COMPCTON P.C.
OPERATING SYSTEM: IBM P.C.
SOFTWARE: WORD PERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                2 agaacacccgctctctcgc 20
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1 agaacagaccctccctcgc 19
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                                                             Conservative
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78.9%;
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76.2%;
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                                                                           Score 12.6; DB 4;
Pred. No. 8.8e+02;
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Pred. No.
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                                                            Mismatches
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                                                            Indels
                                                            0;
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Best Local Similarity

69.6%;

0

54.8%;

Score 12.6;

DB

4

Length 27;

GENERAL INFORMATION:

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APPLICANT:
APPLICANT:

Paoletti, Enzo Taylor, Jill

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US-08-687-421-444
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                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
LENGTH: 27 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                         TELEFAX: (303) 793-3433 (INFORMATION FOR SEQ ID NO: '
                                                                                                                                                                                                                                                                                        NAME: BAITY J. SWANSON REGISTRATION NUMBER: 33,215 REFERENCE/DOCKET NUMBER: NETELECOMMUNICATION INFORMATION: (303) 793-3333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 22-APRIL-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 MB storage
COMPUTER: IBM compatible
                                                                                                                           FEATURE:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/219,
FILING DATE: 28-MARCH-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMER: 08/195,005
FILING DATE: 10-FEBRUARY-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: WordPerfect 6.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Gold, Larry
APPLICANT: Janjic, Nebojsa
APPLICANT: Tasset, Diane
                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION:
                                                                                                                      FEATURE:
                                                                                                                                                                                                                                                                                                                                                                             FILING DATE: 11-JUNE-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                               NAME/KEY:
LOCATION:
              OTHER INFORMATION: OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: FILING DATE: 11-NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 10-JUNE-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: FILING DATE: 08-MA
                                                                                                  OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  80111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Englewood
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Colorado
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  8400 E.
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O E. Prentice Avenue, Suite
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            The C at location deoxycytidine
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                                                   RESULT
                                                                                                                                                                                                                               US-08-303-124-26
Sequence 26, Approximately No. 5891447
                                                                                                                                              Query Match
Best Local Similarity
Matches 15; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                     TELEFAX: (212) 840-0712 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 21-JUL-1992
APPLICATION NUMBER: US 07/736,254
FILING DATE: 26-JUL-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
FILING DATE: 21-JUL-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA: APPLICATION NUMBER: US
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                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 530 Fi
                                                                                                                                                                                                                                                                                                                                                                              NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Curtis, Morris & Saffo: ADDRESSEE: c/o William S. Frommer STREET: 530 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               27 GHAACCACCCGCTGTCTTCCACA 5
                                                                                                                                                                                                                                             TOPOLOGY:
                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                 TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                     4 aacacccgctctctcgcaa 22
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                                                                                                                                                                                                                                                                                       ENGTH:
                                                                                             3 AACACGAGCTCTCCCCCAA 21
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nucleic acid
DEDNESS: single
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                    Application US/08480697B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Application US/08303124
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                                                                                                                                                     Conservative
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                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                  (212) 840-3333
                                                                                                                                                                   54.8%;
78.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Infectious Bursal Disease Virus Recombinant Poxvirus Vaccine
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1; Mismatches 6;
                                                                                                                                                                   Score 12.6;
Pred. No. 9.
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                                                                                                                                                         Mismatches
                                                                                                                                                                  .7e+02;
                                                                                                                                                                                  DB 1;
                                                                                                                                                                                Length 39;
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Gettig, Russell

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US-08-425-684-65
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                                                                                                                                                                                                                                                                                        Sequence 65, Application US/08425684 Patent No. 5834252
                                                                                                                                                 GENERAL INFORMATION:

APPLICANT: STEMMER PH.D., WILLEM P.C.

TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION

NUMBER OF SEQUENCES: 136

CORRESPONDENCE ADDRESS:

ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW

STREET: ONE MARKET PLAZA, STEUART STREET TOWER, 20TH FLC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Matches
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APPLICATION NUMBER: US/08/303,124
FILING DATE:
APPLICATION NUMBER: US 07/918,311
FILING DATE: 21-JUL-1992
APPLICATION NUMBER: US 07/736,254
FILING DATE: 26-JUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Frommer, William S.
REGISTRATION NUMBER: 25,506
REFERENCE/DOCKET NUMBER: 454310-2440
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEPHONE: (212) 840-3333
TELEFAX: (212) 840-0712
INFORMATION FOR SEQ ID NO: 26
SEQUENCE CHARACTERISTICS:
                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/480,697B
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MEDIUM TYPE: Floppy disk
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                                                                                                                       STREET: ONE MARKET I
CITY: SAN FRANCISCO
STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES:
                                                                                             ZIP:
                                                                                                          COUNTRY:
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TOPOLOGY: 11
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CITY: New York
STATE: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                   4 aacaccegctctctcgcaa 22
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                                                                                  94105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nucleic acid
DEDNESS: single
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PatentIn Release #1.0, Version #1.25
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78.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 12.6; DB 2;
Pred. No. 9.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mismatches
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; TOPOLOGY:
US-08-425-684-71
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                   TELEFAX: (415) 326-24
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (415) 326-242:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                   SEQUENCE CHARACTERISTICS:
                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
                                                                                                                                                                                       CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: DUNN ESQ., TRACY J
REGISTRATION NUMBER: 34,
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION NUMBER OF SEQUENCES: 136
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW STREET: ONE MARKET PLAZA, STEUART STREET TOWER, 20TH FLOOR CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER: 16
REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEFAX: (415) 326-2422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT APPLICATION DATA:
APPLICATION NUMBER: US,
FILING DATE: 18-APR-19:
CLASSIFICATION: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION: NAME: DUNN ESQ., TRACY J
                                  STRANDEDNESS:
                                                    TYPE:
                                                                 LENGTH:
                                                                                                                                                                          REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/425,684 FILING DATE: 18-APR-1995
                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: CALIFORNIA
                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 40 base pairs TYPE: nucleic acid STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                           94105
                                           nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08425684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STEMMER PH.D., WILLEM P.C.
VENTION: END_COMPLEMENTARY POLYMERASE REACTION
                                                                                                                                                                                                                                                                                                                                                                                                                        U.S.A.
                  circular
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                                double
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                                                                                                                     326-2422
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 Mismatches

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Pred. No. 1.5e+03;
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Query Match

Local Similarity

53.0%;

Score 12.2; DB 2; Pred. No. 1.5e+03;

DB 2;

Length 40;

Indels

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Gaps

0

Mismatches

Matches

14;

Conservative

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AACACCCGCTGACGCGC 1 aacacccgctctctcgc

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US-08-675-502-65

Sequence 65,

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                                                                                                                                                          RESULT
                                                                                  Sequence 71, Application US/08675502 Patent No. 5928905 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                 Matches
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                                                                                                                                                                                                                                                                                                                 Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
APPLICANT: STEMMER PH.D., WILLEM P.C.
APPLICANT: LIPSHUTZ, ROBERT J.
TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION
NUMBER OF SEQUENCES: 136
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 03-JUL-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNSEND AND TOWNSEND AND CREW
STREET: TWO EMBARCADERO CENTER, 8TH FLOOR
CITY: SAN FRANCISCO
                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 18-APR-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: STEMMER PH.D., WILLEM P.C.
APPLICANT: LIPSHUTZ, ROBERT J.
TITLE OF INVENTION: END-COMPLEMENTARY POLYMERASE REACTION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: MURPHY, ESQ., MATTHEW B. REGISTRATION NUMBER: 39,787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US96/05480 FILING DATE: 18-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US 08/425,684 FILING DATE: 18-APR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH:
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ER: 16528J-015410US
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                                                                                                                                                                                                                                                                                                                                     Sequence 41,
Patent No. 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (415) 326-2422 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          REFERENCE/DOCKET NUMBER: 16
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
                                                                                                                                                                                         APPLICANT: Dubaid, Manuel Marcel Paul TITLE OF INVENTION: Genes Encoding an NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: MURPHY, ESQ., MATTHEW B.
REGISTRATION NUMBER: 39,787
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                           STREET: by .

STREET: by .

CITY: Alexandria

STATE: VA

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PRIOR APPLICATION DATA:
APPLICATION NUMBER: FILING DATE: 18-APR-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                  APPLICANT: Hall, Linda M. APPLICANT: Ren, Dejian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                         COUNTRY: USA
ZIP: 22314-3187
                                                                                                                                                                                                                                                                                                                                                                                                                                             17 AACACCCGCTGACGCGC 1
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STRANDEDNESS: double
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                                                                                                                                                                              ADDRESSEE:
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                                                                                                                                                            E: BURNS, DOANE, SWECKER & MATHIS, LLP 699 Prince Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     U.S.A.
                                                                                                                                                                                                                                                                  Zheng,
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                                                                                                                                                                                                                               Encoding an Insect Calcium Channel
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Pred. No. 1
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ARE: PatentIn Release #1.0, Version #1.30 APPLICATION DATA:

US/08/895,590

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

US/08/374,888

CLASSIFICATION:

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RESULT 13
US-08-507-431-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Matches
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                   APPLICANT: Mullertz,
TITLE OF INVENTION: I
TITLE OF INVENTION: I
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 703-836-2021 INFORMATION FOR SEQ ID NO: 41:
                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/002,800
FILING DATE: 25-AUG-1996
                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
FILING DATE: 25-AUG-1996
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 56935180 No.
                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 19-JAN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                  STREET:
                                                              CLASSIFICATION:
                                                                              APPLICATION NUMBER: FILING DATE: 15-FE
                                                                                                                                                                                                                                     STATE: New York
                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 GAACACCTGCCCGCTCG 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 45 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: 39,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: McGowan, Malcolm M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3 gaacacccgctctctcg 19
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                                                                                                                                                                                                                                                        New York
                                                                                                                                                                                                          10174-6401
                                                                                                                                                                                                                                                             E: NO. 5693518o No. 5693518disk of No. 5693518th America, Inc
405 Lexington Avenue, 64th Floor
                                                                                                                                                                                                                                                                                                                                                                                                             Heldt-Hansen, Hans
Dalboge, Henrik
Andersen, Lene N.
Si, Joan Q.
                                                                                                                                                                                                                                                                                                                     Mullertz, Anette
VENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
VENTION: ASPERGILLUS ACULEATUS
                                                                                                                                                                                                                      United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kauppinen, Markus S.
Christgau, Stephan
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Jacobson, Tina
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82.4%;
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Pred. No. 1
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REFERENCE/DOCKET NUMBER: 3954
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEPAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Patent No.
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Best Local Similarity
                                                              TELEFAX: 212-878-9655 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS
                                                                                                                                                         SOFTWARE: Patentin Release
CURRENT APPLICATION DATA:
APPLICATION UMBER: US/08/
FILING DATE: 30-July-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Agris, Cheryl T.
REGISTRATION NUMBER: 34,08
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APPLICANT:
                                                                                                            TELECOMMUNICATION INFORMATION: TELEPHONE: 212-867-0123
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MEDIUM TYPE: Floppy disk
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
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                                                                               TELEPHONE: 212 -- TELEPHONE: 212-878-9655
STRANDEDNESS:
TOPOLOGY: 11
                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                    STREET: 405 Le:
CITY: New York
STATE: New Yor
                                                                                                                                           REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                      COUNTRY: United States of America ZIP: 10174-6401
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TOPOLOGY: lin
                                              LENGTH:
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                             nucleic acid
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                                                                                                                                                                                                                                                                                                                                                                                     New York
                                               20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                 405 Lexington Avenue, 64th Floor
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Andersen, Le..
Si, Joan Q.
Si, Tina
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Munk, Niels
                                                                                                                                                                                                                                                                       PatentIn Release #1.0, Version #1.30
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                                                                                                                                                                                                                                                                                                                                                                                                                                  No. 58858190 No. 5885819disk of No. 5885819th America, Inc
                                                                                                                                                                                                                         30-July-1997
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              single
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ENZYMES WITH XYLANASE ACTIVITY FROM
ASPERGILLUS ACULEATUS
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75.0%;
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                                                                                                                                                          34,086
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Pred. No. 1.7e+03
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Search completed: March 9, 2002, 00:54:09
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US-09-116-622-17
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                                                                                                                                                                                                                                                           TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
                                                                                                                                           Query Match 52.2%; Score 12; DB 3; Length 20; Best Local Similarity 75.0%; Pred. No. 1.7e+03; Matches 15; Conservative 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 17, Application US/09116622
Patent No. 6080567
GENERAL INFORMATION:
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION US/09/116,622
FILING DATE: 16-July-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Agris, Cheryl H.
REGISTRATION UMBER: 34,086
REFERENCE/DOCKET NUMBER: 3954.224-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEPHAX: 212-878-9655
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APPLICANT:
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CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 60805670 No. 6080567disk of No. 6080567th America, Inc. STREET: 405 Lexington Avenue, 64th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Mullertz, Anette
TITLE OF INVENTION: ENZYMES WITH XYLANASE ACTIVITY FROM
TITLE OF INVENTION: ASPERGILLUS ACULEATUS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STREET: 405 Lexington Avenue, 64t CITY: New York STATE: New York COUNTRY: United States of America ZIP: 10174-6401
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Christgau, Stephan
Heldt-Hansen, Hans P
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Job time: 11360 sec